

**81436. CASTANEA CRENATA Sieb. and Zucc. Fagaceae. Japanese chestnut.**

From Japan. Scions collected by R. K. Beattie, Bureau of Plant Industry. Received August 19, 1929.

No. 840. Ayabe Machi Agricultural Experiment Station, Kyoto, January 13, 1929. *Goku wase*.

**81437. PONGAMIA PINNATA (L.) W. F. Wight (P. glabra Vent.). Fabaceae.**

From the West Indies. Seeds collected by Allison V. Armour. Received August 19, 1929.

A tall erect shade tree or sometimes a climbing shrub, native to tropical Asia, with compound leaves composed of four to seven pairs of oblong leaflets and simple racemes of white flowers. The woody pods are about one-fourth of an inch thick and 1½ inches long. Because of its bright, handsome foliage this tree has been recommended as an ornamental for subtropical regions. It is said to withstand hurricanes.

For previous introduction see No. 79543.

**81438. MEDICAGO SATIVA L. Fabaceae. Alfalfa.**

From Landsberg am Warthe, Germany. Seeds obtained through the Bureau of Agricultural Economics. Received August 19, 1929.

*Hungarian.*

**81439 to 81447.**

From Japan. Collected by P. H. Dorsett and W. J. Morse, agricultural explorers, Bureau of Plant Industry, United States Department of Agriculture. Received August 20, 1929.

**81439. AQUILEGIA sp. Ranunculaceae. Columbine.**

No. 618. Seeds obtained from plants with lavender and yellow flowers, in the woods and open field near Lake Yamana, July 23, 1929.

**81440. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.**

No. 958. Seeds obtained at an agricultural fair held in the public-school building in Hanabata, July 19, 1929.

*Yatsubusa*. A beautiful brownish yellow cucumber about 10 inches long and 3 inches in diameter, which received second prize at the fair.

**81441. FESTUCA sp. Poaceae. Fescue grass.**

No. 615. Seeds obtained from plants along the trail near Lake Yamana, July 23, 1929.

**81442. LILIUM CORDIFOLIUM Thunb. Liliaceae. Lily.**

No. 681. Bulbs collected between Gotemba and Fujima, July 25, 1929.

For previous introduction see No. 75677.

**81443 to 81446. RUBUS spp. Rosaceae.****81443. RUBUS sp.**

No. 663. From plants on a hillside between Gotemba and Fujima, July 25,

**81439 to 81447—Continued.**

1929. A low-spreading vine bearing bright-red fruits which separate very easily from the receptacle.

**81444. RUBUS sp.**

No. 695. Obtained from plants along the trail near Subashiri, July 26, 1929.

**81445. RUBUS sp.**

No. 697. From plants along the road on a hillside between Shimizu and Yamakita, July 27, 1929. Fruits bright red and very sweet.

**81446. RUBUS sp.**

No. 698. From plants along the road between Shimizu and Yamakita, July 27, 1929. Fruits are a deep purple when mature.

**81447. VACCINIUM sp. Vacciniaceae.**

No. 638. Seeds from plants growing in lava soil in the woods along a mountain trail near Subashiri, in the Mount Fuji region, at an altitude of 2,600 feet, July 24, 1929. A shrub up to 12 feet high.

**81448 to 81472. SACCHARUM OFFICINARUM L. Poaceae. Sugarcane.**

From Sydney, New South Wales, Australia. Cuttings presented by P. H. Goldfinch, general manager of the Colonial Sugar Refining Co. Received August 24, 1929.

81448. No. 1. 81461. No. 213.

81449. No. 22. 81462. No. 214.

81450. No. 37. 81463. No. 217.

81451. No. 55. 81464. No. 218.

81452. No. 62. 81465. No. 221.

81453. No. 99. 81466. No. 222.

81454. No. 101. 81467. No. 223.

81455. No. 104. 81468. No. 262.

81456. No. 105. 81469. No. 263.

81457. No. 203. 81470. No. 269.

81458. No. 204. 81471. No. 273.

81459. No. 209. 81472. No. 282.

81460. No. 210.

**81473. FICUS CASSIDYANA Elm. Moraceae. Fig.**

From Manila, Philippine Islands. Fruits presented by William H. Brown, Director, Bureau of Science. Received July 22, 1929.

A small, erect, tropical tree, 25 feet high, with spreading branches and grayish white bark. It is native to the Philippine Islands. The dark-green membranous, broadly heart-shaped scabrous leaves are about 8 inches long and are mostly at the ends of the twigs. The brown-hairy flat-obovoid fruits are 3 inches across.

**81474. EUGENIA PUNGENS Berg. Myrtaceae. Guabiyu.**

From El Saft, Egypt. Seeds presented by Alfred Bircher, Middle Egypt Botanic Station. Received August 24, 1929.

For previous introduction and description see No. 81343.